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(74) Agent: **WILSON, Mary, J.**; Nixon & Vanderhye P.C.,
1100 North Glebe Road, Suite 800, Arlington, VA 22201-
4714 (US).

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(71) Applicant (*for all designated States except US*): **THE
TRUSTEES OF THE UNIVERSITY OF PENNSYLV-
VANIA** [US/US]; Center for Technology Transfer, 3160
Chestnut Street, Suite 200, Philadelphia, PA 19104 (US).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **COUKOS, George**
[IT/US]; c/o The University of Pennsylvania, Center for
Technology transfer, 3160 Chestnut Street, Suite 200,
Philadelphia, PA 19104 (US). **CONEJO-GARCIA, Jose,**
R. [ES/US]; c/o University of Pennsylvania, Center for
Technology Transfer, 3160 Chestnut Street, Suite 200,
Philadelphia, PA 19104 (US).

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(54) Title: IMMUNE CELL RECEPTOR LIGAND AND IMMUNE CELL RECEPTOR

(57) Abstract: The present invention relates, in general, to immune cell receptor ligands and immune cell receptors. More specif-
ically, the invention relates to an NKG2D immunoreceptor ligand and to an immune cell receptor having the same C-type lectin
structure as the NKG2D receptor, and to nucleic acid sequences encoding same.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/27488¹

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C07H 21/04; C07K 14/00, 16/00; C12P 21/00; C12N 15/63; A61K 35/00, 39/00
 US CL : 536/23.1; 530/350, 387.1; 435/70.1, 320.1; 424/93.1, 185.1

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 536/23.1; 530/350, 387.1; 435/70.1, 320.1; 424/93.1, 185.1

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 Please See Continuation Sheet

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	N_Geneseq Accession #AAG68335 2 February 2001 (02.02.2001), 1 page, see portion pertaining to said Accession #.	1-8, 23
X	WO 01/83545 A1 (OKUBO et al). 08 November 2001 (08.11.2001), abstract and sequence listing, see abstract and sequence listing.	1-9
Y		11-23
X	A_Geneseq Accession #AAW40215, 07 July 1998 (07.07.1998), 1 page, see portion pertaining to said Accession #.	24-30
X	WO 98/04585 A2 (HILLMAN et al). 05 February 1998 (05.02.1998), see entire document.	24-30
X	GenEmbl Accession #AL355312, 09 March 2001 (09.03.2001), 9 pages, see portions pertaining to said Accession #.	9-13, 16
Y	MANIATIS et al. Molecular Cloning A LABORATORY MANUAL. Cold Spring Harbor Laboratory, USA, 1982, pages 51-54, see entire selection.	9-13, 16
		11-23

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"I" document which may throw doubt on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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INTERNATIONAL SEARCH REPORT

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Continuation of B. FIELDS SEARCHED Item 2:

stic searched SEQ ID NO: 8 and SEQ ID NO: 10 against protein databases, and SEQ ID NO: 1-4 against nucleic acid databases.

Continuation of B. FIELDS SEARCHED Item 3:

WEST 2.2.2, STN (EMBASE, BIOSIS, MEDLINE, CAPLUS, SCISEARCH, PROMT, BIOBUSINESS)

search terms: Inventors' names, antibody, vector, host, cancer, tumor, nkg2d ligand, treat